

CENTRAL INTELLIGENCE AGENCY

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REPORT

CD NO.

COUNTRY Rumania

DATE DISTR. 31 October 1952

SUBJECT Sovrem Produced KLM 10 Aircraft Engine

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THIS IS UNEVALUATED INFORMATION

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1. Sovromtraktor produces engines for aircraft type KLM 10.¹ This is an air cooled injector motor with 9 cylinders in line.² The propellers turn right with relation to the pilot.

25X1

2. The specifications of this engine [redacted] are listed below:

25X1

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Take-off power is 1000 horsepower. In climb or in combat, at 1600 meters altitude, engine performs at 840 horsepower. At 4,800 meters altitude the maximum power is 660 horsepower.

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Carburetor Requirements: 225 grams per horsepower hour at 80% of maximum horsepower. Compression ratio is 6.4 to 1. Total cylinder displacement is 26,821 (?).

| | |
|----------|-------------|
| Bore | 154 mm. |
| Stroke | 1,m 415 (?) |
| Weight | 580 kgs. |
| Diameter | 1,m 388 (?) |

25X1

CLASSIFICATION SECRET

[illegible]

25X1

SECRET [REDACTED]

- 2 -

3. The gear case is in two parts and is in light metal; the other parts are in light casting. Pistons and cylinder heads are in light metal. Bolts are protected by aluminum covering.

25X1 [REDACTED] Comment. There has been no previous information on an aircraft type KLM 10.

25X1 [REDACTED] Comment. Attention is drawn to the unlikelihood of an in-line engine having nine cylinders. It would also appear strange that an engine of this power should be in-line air-cooled.

25X1

SECRET [REDACTED]

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25X1

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